

Lunar Surface Science Virtual Workshop #4
Planetary Protection/Permanently Shadowed Region (PSR) Classification
September 30, 2020

Program and Abstracts

All times are Eastern Daylight Time (EDT) (UTC -4)

Times (EDT)	Presenters	Title
12:00 p.m.	Jennifer Heldmann, Matthew Siegler	Welcome
12:05 p.m.	NASA Office of Planetary Protection	NASA Planetary Protection Overview, Workshop Goals, and Objectives
12:15 p.m.	John Rummel	<i>A History of Lunar Planetary Protection: Origins, Goals, and Status Changes</i> [#7011]
12:35 p.m.	Scott Hubbard	Planetary Protection: National Academies Activities and Implications for Future Lunar Exploration
12:55 p.m.	Amanda Hendrix	Overview of the NASA Planetary Protection Independent Review Board
1:15 p.m.	Anthony Colaprete	NASA Flight Mission Perspective: Planetary Protection and Contamination Considerations from NASA's LCROSS, LADEE, and VIPER Missions
1:30 p.m.	Paul Hayne	Potential Contamination of Micro Cold Traps by Lunar Exploration Activities
1:45 p.m.	Julie Mitchell	A Classification Scheme for PSR Volatile Hazard Potential
2:00 p.m.		BREAK
2:15 p.m.	Parvathy Prem	<i>Towards Understanding the Impact of Exploration on the Lunar Environment</i> [#7010]
2:30 p.m.	Kevin Cannon	<i>Parks and Preserves, Not Keep-Outs and Moratoriums: Avoiding Naïve Views of Enforcement</i> [#7004]
2:45 p.m.	Myriam Lemelin	<i>Framework for Coordinated Efforts in the Exploration of Volatiles in the South Polar Region of the Moon</i> [#7009]
3:00 p.m.	Cameron Moyer	<i>Lunar Polar Terrain and PSR Classification for Artemis Science and Exploration</i> [#7012]
3:15 p.m.	Marni Rosenthal	<i>EVA H₂O Release: Planetary Protection Implications for the Human Exploration of the Lunar Polar Regions</i> [#7013]
3:30 p.m.	Norbert Schorghofer	<i>Classification of Ice Storage Processes on the Moon</i> [#7005]
3:45 p.m.		BREAK

Times (EDT)	Presenters	Title
Breakout Discussions		
4:00 p.m.	Discussion	Breakout #1: PSR Sites
4:00 p.m.	Discussion	Breakout #2: Heritage Sites and Exploration Infrastructure
4:45 p.m.	Plenary Session	Breakouts Reporting and Wrap-Up Discussion
5:00 p.m.		ADJOURN